

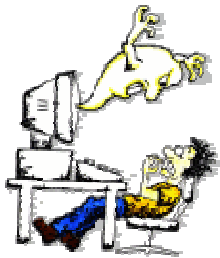


# CDF Operations



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Greg Feild (Yale University)  
All Experimenters' Meeting  
October 31, 2005



Ghosts in the machines ...?

# Store Summary (10/24 - 10/31)

Store	Start	Duration (hours)	Uptime (hours)	Init. lumi ( $10^{30}$ )	Delivered int. lumi ( $\text{nb}^{-1}$ )	Live int. lumi ( $\text{nb}^{-1}$ )	Comments
4465	10/23 Sun	26.5	22.3	151.3	5179	4054 78%	FE woes. COT trips. Abort kicker off, 1.5 hrs.
4468	10/25 Tue	13.1	-	153.1 record	3757	2906 77%	Various small problems.
4473	10/27 Thu	30.9	27.3	167.1 record	5721	3992 70%	L2 troubles, 1.5 hrs. Power supply work, 1 hr.
4475	10/28 Sat	25.3	20.9	148.2	4623	3018 65%	COT off at start. L2 woes Trigger rate tests@40kHz Abort gap cleaning
4476	10/30 Sun	28.9		157.0	5492	4238 77%	L2 problems due to high luminosity

Summary: 124.8 24771 18208  $\Rightarrow$  73.5 % efficiency

# Accesses

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- Wednesday morning. 12 hour supervised access
  - Silicon: Routine detector maintenance and cooling work
  - Muons: Routine maintenance and housekeeping
  - TDC Upgrade: A (COT) crate of TDCs replaced. 15 of 20 complete
  - Cable trays installed for the Run2b L1 stereo track trigger upgrade
- Friday afternoon. 2 hour controlled access.
  - Requested by CDF to fix unresponsive COT crate
  - Replaced a TDC card and the crate controller (CPU)

# Integrated Luminosity

